GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:3768
ANSWERED ON:22.03.2001
TEHRI DAM PROJECT
GADDE RAMAMOHAN;M.V.V.S MURTHI;SHIVAJI MANE

Will the Minister of POWER be pleased to state:

(a) whether some scientists have expressed that high structures of Tehri Dam Project are not safe in Himalaya being located in seismic zone; and

(b) if so, the reaction of the Government thereto and the action taken in this regard?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA)

(a) & (b) : The Government had considered indepth the seismic safety of the Tehri Dam and the detailed seismology studies carried out by the Geological Survey of India. Department of Earthquake Engineering of the Roorkee University and the Russian experts assisted by National Geo-Physical Research Institute, Wadia Institute of Himalayan Geology for determining the safe height of Tehri Dam, before according approval to the implementation of the Tehri Dam and Hydro-electric Power Project (1000 MW) in March, 1994.

In view of the continuing concern relating to seismic safety of the Tehri Dam, a Group of Experts was constituted in June, 1996 to further examine the issue of seismic safety of Tehri Dam. This Group in its report concluded that the design of the dam was safe to withstand the Maximum Credible Earthquake.